

SWi20/25TE

Innovative external hydraulic flange spreading wedge



The SWi20/25TE is an innovative external hydraulic flange spreading wedge.

At 700 bar (10 000 psi), it produces 20 T (200 kN) spreading force on the 1st step and 24 T (240 kN) on the 4th step. Spreading distance is 6.0 mm – 103.5 mm (0.24" – 4.1").

200 kN

SPREADING FORCE, 1ST STEP
(20 T)

240 kN

SPREADING FORCE, 4TH STEP
(24 T)

6.0–103.5 mm

SPREADING DISTANCE
(0.24" – 4.1")

6.4 kg

WEIGHT (14.1 LB)

CAPABILITIES

- At 700 bar (10 000 psi): **20 T** spread force (1st step), **24 T** spread force (4th step)
- **6.0 mm – 87.5 mm** (0.24" – 3.4") spread over 4 steps (without stepped blocks)
- **48.5 mm – 103.5 mm** (1.9" – 4.1") spread over 2 steps (with stepped blocks)
- **6.0 mm – 40.0 mm** (0.24" – 1.6") spread using only 1st step

MAINTENANCE FEATURES

- Rapid disassembly and assembly
- Quick jaw replacement – remove 1 fastener
- Quick tip replacement – remove 2 fasteners
- Narrow jaw teeth – improved tool wear

FEATURES

USER FEATURES

- Practical, portable and lightweight
- Moulded plastic handle for comfort
- Revolving handle to aid horizontal or vertical spreading
- Offset handle is directly over the centre of mass
- Removable handle for improved access
- Revolving lanyard connection point
- Swivel hose coupler with elbow – improves access by allowing hose to revolve
- Spread indicator markings for clear precise visual progress feedback

SAFETY FEATURES

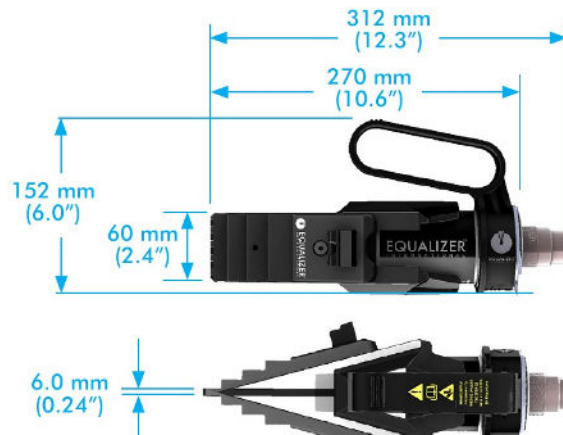
- No finger pinch-points
- Increased step depth on upper steps
- Safety lanyard – 1.0 m (39") length
- Partially recessed coupler reduces coupler vulnerability
- Forged key components for strength and reliability
- Fail-safe design – designated cylinder nose seal failure



SWi20/25TE

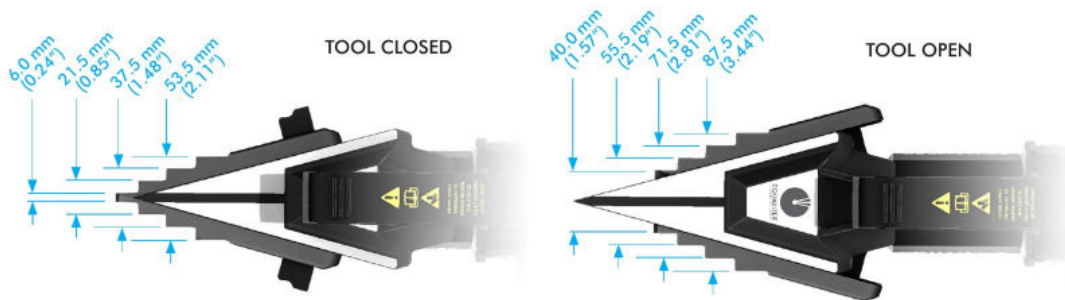
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TOOL DIMENSIONS – CLOSED

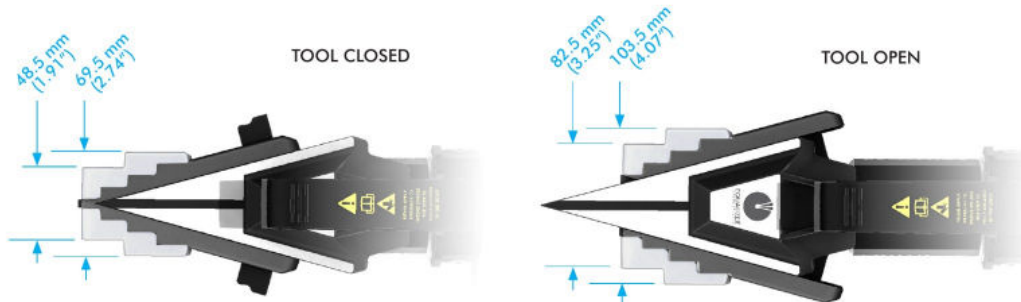


JAW DIMENSIONS

Without stepped blocks attached



With stepped blocks attached



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KITS



MAXI KIT

- 2 × SWi20/25TE flange spreader wedgeheads
- 2 × 700 bar (10 000 psi) hydraulic cylinders
- 2 × 700 bar (10 000 psi) hydraulic hoses, 2 m (78.8") with 90 degree elbow
- 1 × 700 bar (10 000 psi) HP550D sealed hand pump with gauges
- 2 × Sets of safety blocks
- 2 × Pairs of stepped blocks
- 2 × Hex keys
- 2 × Safety lanyards
- 1 × Instruction manual
- 1 × Plastic carry case

Product code SWi2025TEMAXSPB

Carry case 920 × 500 × 205 mm (36.2" × 19.7" × 8.1")

Gross kit weight 33.0 kg (72.8 lb)



STANDARD KIT

- 1 × SWi20/25TE flange spreader wedgehead
- 1 × 700 bar (10 000 psi) hydraulic cylinder
- 1 × 700 bar (10 000 psi) hydraulic hose, 2 m (78.8") with 90 degree elbow
- 1 × 700 bar (10 000 psi) HP350S sealed hand pump with gauge
- 1 × Set of safety blocks
- 1 × Pair of stepped blocks
- 1 × Hex key
- 1 × Safety lanyard
- 1 × Instruction manual
- 1 × Plastic carry case

Product code SWi2025TESTDSPB

Carry case 920 × 500 × 205 mm (36.2" × 19.7" × 8.1")

Gross kit weight 20.7 kg (45.6 lb)



MINI KIT

- 1 × SWi20/25TE flange spreader wedgehead
- 1 × 700 bar (10 000 psi) hydraulic cylinder
- 1 × Set of safety blocks
- 1 × Pair of stepped blocks
- 1 × Hex key
- 1 × Safety lanyard
- 1 × Instruction manual
- 1 × Plastic carry case

Product code SWi2025TEMINSBPB

Carry case 580 × 330 × 165 mm (22.8" × 13.0" × 6.5")

Gross kit weight 11.6 kg (25.6 lb)